



# How to Open a New Library

Version 20.0 and later

## CONFIDENTIAL INFORMATION

The information herein is the property of Ex Libris Ltd. or its affiliates and any misuse or abuse will result in economic loss. DO NOT COPY UNLESS YOU HAVE BEEN GIVEN SPECIFIC WRITTEN AUTHORIZATION FROM EX LIBRIS LTD.

This document is provided for limited and restricted purposes in accordance with a binding contract with Ex Libris Ltd. or an affiliate. The information herein includes trade secrets and is confidential.

## DISCLAIMER

The information in this document will be subject to periodic change and updating. Please confirm that you have the most current documentation. There are no warranties of any kind, express or implied, provided in this documentation, other than those expressly agreed upon in the applicable Ex Libris contract. This information is provided AS IS. Unless otherwise agreed, Ex Libris shall not be liable for any damages for use of this document, including, without limitation, consequential, punitive, indirect or direct damages.

Any references in this document to third-party material (including third-party Web sites) are provided for convenience only and do not in any manner serve as an endorsement of that third-party material or those Web sites. The third-party materials are not part of the materials for this Ex Libris product and Ex Libris has no liability for such materials.

## TRADEMARKS

"Ex Libris," the Ex Libris bridge, Primo, Aleph, Alephino, Voyager, SFX, MetaLib, Verde, DigiTool, Preservation, URM, Voyager, ENCompass, Endeavor eZConnect, WebVoyage, Citation Server, LinkFinder and LinkFinder Plus, and other marks are trademarks or registered trademarks of Ex Libris Ltd. or its affiliates.

The absence of a name or logo in this list does not constitute a waiver of any and all intellectual property rights that Ex Libris Ltd. or its affiliates have established in any of its products, features, or service names or logos.

Trademarks of various third-party products, which may include the following, are referenced in this documentation. Ex Libris does not claim any rights in these trademarks. Use of these marks does not imply endorsement by Ex Libris of these third-party products, or endorsement by these third parties of Ex Libris products.

Oracle is a registered trademark of Oracle Corporation.

UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Company Ltd.

Microsoft, the Microsoft logo, MS, MS-DOS, Microsoft PowerPoint, Visual Basic, Visual C++, Win32, Microsoft Windows, the Windows logo, Microsoft Notepad, Microsoft Windows Explorer, Microsoft Internet Explorer, and Windows NT are registered trademarks and ActiveX is a trademark of the Microsoft Corporation in the United States and/or other countries.

Unicode and the Unicode logo are registered trademarks of Unicode, Inc.

Google is a registered trademark of Google, Inc.

Copyright Ex Libris Limited, 2013. All rights reserved.

Document released: May 21, 2013

Web address: <http://www.exlibrisgroup.com>

# Table of Contents

<b>1</b>	<b>OVERVIEW.....</b>	<b>5</b>
<b>2</b>	<b>PREPARATIONS: ACTIONS BEFORE PROGRAM ACTIVATION.....</b>	<b>5</b>
2.1	Choosing Library Name.....	5
2.2	Choosing the Template Library.....	6
2.3	Choosing the Disks (and Path) for Library Directories.....	6
2.4	Adding Definitions to aleph_start.private.....	7
2.5	Changing Definitions in aleph_start.....	8
2.6	Choosing Library Size and Creating Default Tablespaces.....	8
<b>3</b>	<b>ACTIVATION: CREATING A NEW LIBRARY BASED ON A TEMPLATE LIBRARY.....</b>	<b>9</b>
3.1	Syntax.....	9
3.2	Activation Modes.....	9
3.3	Key to Parameters.....	10
3.3.1	Library_Name (Mandatory).....	10
3.3.2	File_List_Size (Mandatory).....	10
3.3.3	Template_Library (Mandatory).....	10
3.3.4	X_Path (Optional).....	11
3.3.5	USR_Library (Optional).....	11
3.3.6	Create Oracle User (Optional).....	11
3.4	Examples.....	11
<b>4</b>	<b>ACTIONS AFTER ACTIVATION.....</b>	<b>12</b>
4.1	Synchronize Library File Headers.....	12
4.2	Oracle Tables and Tablespace (file_list and prof_library).....	12
4.3	loop_length.....	13
4.4	Updating Configuration Tables.....	13
4.4.1	library_relation.....	13
4.4.2	tab_sub_library.lng (relevant only for ADM libraries).....	14
4.4.3	tab_base.lng.....	14
4.4.4	base-list (relevant only for BIB libraries).....	15
4.4.5	bib/pc_tab/catalog/scancode.dat (relevant only for BIB libraries).....	15
4.4.6	bib/tab/tab_locate.....	16
4.4.7	bib/tab/tab_aut (relevant only for BIB libraries).....	16
4.4.8	XXXnn/tab/tab_z105.....	16

**5 CHECKING YOUR NEW LIBRARY .....17**

# 1 Overview

This document describes how to open a new ALEPH library with the `open_new_library` program.

Opening a new library in ALEPH means creating a new working environment for a certain ALEPH data type (for example, bibliographic data, administrative data, and so on).

Opening a new library is done by copying the entire environment (excluding data) of a similar existing ALEPH library (this source library is referred to as the “template library” in this document) and modifying the environment setup and configuration to the needs of the new library.

The environment includes: a Unix directory structure, an Oracle schema, and some definitions in alephe configuration tables. The program `open_new_library` will create the Unix directory structure and the Oracle scheme, and modify the required basic setup and configuration files in the library directory structure. The required modifications in the alephe configuration files must be done manually.

## 2 Preparations: Actions before Program Activation

### 2.1 Choosing Library Name

ALEPH libraries have a user-specific five-character code. Following an ALEPH naming convention, the code is made up of three characters followed by two digits, where the digits identify the library data type. For example, a Bibliographic (BIB) library contains bibliographic records and is identified by a number between 01-09 (for example, xyz01).

The following conventions are used for library types:

xxx00 – for USR00 library type.

xxx01-xxx09 - for bibliographic records.

xxx10-xxx19 – for authority records.

xxx40-xxx49 – for ILL library (bibliographic records of the requests).

xxx30-xxx39 – for Course Reading library (for course reserve materials).

xxx50-xxx59 – for administrative records library (Items, Circulation, Acquisitions, Serials).

xxx60-xxx69 – for holdings records.

Examples:

xyz02 is a BIB library.

xyz11 is an AUT library.

xyz52 is an ADM library.

The ALEPH naming convention is just a convention; it is *not* a system requirement. However, as stated, the `open_new_library` program requires that the naming convention be followed, and if a mismatch is found between the new library name and the ALEPH naming convention, a warning message will be given.

In addition, the first three characters of a user library must NOT be one of the reserved ALEPH library names, namely `usm`, `uni`, `mab`, `ext`, `utf`, `vir`, or `usr`.

## 2.2 Choosing the Template Library

The template library is either an ALEPH demo library or an existing user library.

The template library should be of the same data type as the new library, and if possible, its setup should be as close as possible to the new library.

The data type of the template library will determine the data type of the new library. If the data type of the template library cannot be determined because its name is not according to the convention, then the new library data type will be determined by the name of the new library. If both names are not according to the convention, then the program will assume that the new library type is BIB.

A warning message will be given in all case were the names are not according to the convention or the libraries' data type do not match.

The ALEPH demo libraries are named after the cataloging standards: `USMnn`, `UNIInn`, and `MABnn` (for MARC 21, UNIMARC, and MAB, respectively).

The following are the ALEPH standard demo libraries:

`USR00`: For `usr` (users - patrons and staff), `pw` (password), and `z105` libraries

`USM01`; `UNI01`; `MAB01` for bibliographic records libraries

`USM10`; `UNI10`; `MAB10/11/12` for authority records libraries

`USM40`; `UNI40`; `MAB40` for ILL records libraries (bibliographic records of the ILL request)

`USM30`; `UNI30`; `MAB30` for Course Reading libraries (course reserve materials)

`USM50`; `UNI50`; `MAB50` for administrative records libraries (Items, Circulation, Acquisitions, Serials)

`USM60`; `UNI60`; `MAB60` for holdings records libraries

Please note that if the library is an ADM library it can also be used as the `usr` library and/or the `pw` library and/or the `Z105` library.

If the library being created is intended to serve only as `pw` library and/or `usr` library and/or `Z105` library, the template library should be `USR00`.

## 2.3 Choosing the Disks (and Path) for Library Directories

An ALEPH library environment includes a Unix directories tree of setup files, configuration tables directories, and data files directories.

It is recommended that large libraries separate the setup and configuration directories and the data directories. By default, all the directories are under the same root (\$data\_root) under the “u-tree”.

If the directories are separated, it is recommended that setup and configuration directories be on the same device as ALEPH, and that the large data directories, \$data\_files and \$data\_scratch, be on another disk and not under \$data\_root. In such cases, \$data\_scratch and \$data\_files directories will be physically placed under the x\_path (the name of the path will be supplied by the user), but a symbolic link will be program-generated so that they are logically placed under \$data\_root of the new library.

**Note:** Open\_new\_library script does not work with Upper case path.

## 2.4 Adding Definitions to aleph\_start.private

aleph\_start.private is a configuration file that contains definitions of ALEPH libraries and directories. It also contains logical assignments (the only place with physical references to ALEPH directories). It is invoked by every ALEPH process.

### To add definitions to aleph\_start.private

1. Open aleph\_start.private for editing by entering the following in the command line:

```
vi $alephe_root/aleph_start.private
```

2. Add the library’s name to the following environment variables:

**Note**

xxxxnn means <library name><library number>. The library name must be in lowercase. For example, dem01, dem50, and so on.

All libraries:

```
setenv ALEPH_LIBS "$ALEPH_LIBS xxxxnn"
setenv QUE_STARTUP_LIBS "$QUE_STARTUP_LIBS xxxxnn"
```

If the library’s data type is BIB (xxx01-09) or ILL (xxx40-49) or Course Reading (xxx30-39):

```
setenv WORD_STARTUP_LIBS "$WORD_STARTUP_LIBS xxxxnn"
```

If the library’s data type is BIB (xxx01-09):

```
setenv ACC_AUT_STARTUP_LIBS "$ACC_AUT_STARTUP_LIBS xxxxnn"
```

If the library’s data type is ADM (xxx50-59):

```
setenv REQUEST_STARTUP_LIBS "$REQUEST_STARTUP_LIBS xxxxnn"
```

If needed, add the library's name to other <list>\_STARTUP\_LIBS lists, such as RLIN, SIP2, SLNP, and so on.

3. Define the path to library root directory:

```
setenv xxxnn_dev
```

<the library basic path; that is, the path where the library is located>

For example:

```
setenv xxxnn_dev /exlibris/aleph/u16_1
setenv yyyynn_dev /exlibris2/aleph/u16_1
```

or by using other predefined environment definitions:

The definitions of USER\_MOUNT, ALEPH\_VERSION, and ALEPH\_COPY are defined in \$alephe\_root/aleph\_start.

For example:

```
setenv USER_MOUNT /exlibris/aleph
setenv ALEPH_VERSION 16
setenv ALEPH_COPY 1
```

```
setenv mgm01_dev ${USER_MOUNT}/u${ALEPH_VERSION}_${ALEPH_COPY}
```

## 2.5 Changing Definitions in aleph\_start

If the new library will serve as the pw library and/or usr library and/or z105 library, modification of the definitions in aleph\_start are required:

Open aleph\_start for editing by entering the following in the command line:

```
vi $alephe_root/aleph_start
```

and add/change the definitions for the pw, usr, and z105 libraries.

For example:

```
setenv pw_library XYZ50
setenv usr_library XYZ50
setenv z105_library XYZ50
```

Please note that the library name in these definitions must be in uppercase.

## 2.6 Choosing Library Size and Creating Default Tablespaces

The space allocated for the Oracle tables and the tablespaces to be used are defined in the file list. You must choose the appropriate file\_list\_size from the following choices according to the expected number of Z00 records (that is, doc records) that will be stored in the library:

DEMO – To be used only by the demo libraries

VSMALL - Up to 10,000 documents



SMALL - Up to 100,000 documents

MEDIUM - Up to 1,000,000 documents

LARGE - Up to 5,000,000 documents

HUGE - Larger than 5,000,000 documents

The program will configure the system to use an appropriate default file\_list.

Please ensure that the tablespaces defined in the default file\_list exist before the new library is created (unless the 6th parameter in the program activation is N; see *Create Oracle User (Optional)* on page 11).

To check what the default tablespaces are, and if they exist, use UTIL/O/17/3. To create the required tablespaces, use UTIL/O/17/1.

## 3 Activation: Creating a New Library Based on a Template Library

### 3.1 Syntax

The syntax of the 'open\_new\_library' command is as follows:

```
csh -f $aleph_proc/open_new_library <Library_Name> <File_List_Size>  
<Template_Library> <X_Path> <USR_Library> <Create_Oracle_User>
```

### 3.2 Activation Modes

There are two activation modes for opening the library:

#### Batch Mode

Batch mode – provide all 6 parameter values. To use default parameters, use a null value (that is, "") as a parameter value. If you enter all six parameters, the system will not prompt you to enter values.

#### Interactive Mode

If you enter fewer than six parameters, the program will work in interactive mode and you will be prompted for each of the missing parameters. The last three parameters have default values, given in square brackets. If you want to accept the default value, press <enter>.

#### Note

If the program exits in the middle of the process due to error/s, the new library, together with any content that was already created, will be deleted.

## 3.3 Key to Parameters

### 3.3.1 Library\_Name (Mandatory)

The name of the library to be opened.

The program checks the following:

Does the library already exist?

Is it a reserved library name? (is it usm, uni, mab, ext, utf, vir, or usr?)

Is it defined in ALEPH\_LIBS? (in \$alephe\_root/aleph\_start.private)

Is <library name>\_dev defined? (in \$alephe\_root/aleph\_start.private)

Does the Unix user have permission to create the root directory of the library?

### 3.3.2 File\_List\_Size (Mandatory)

Size of library to be set in \$data\_root/prof\_library.

The program checks the following:

Is the value supplied a legal value for file\_list\_size: DEMO, VSMALL, SMALL, MEDIUM, LARGE, HUGE?

Do the tablespaces defined in the appropriate file\_list exist? (Note: this check is disabled if the 6th parameter is N.)

### 3.3.3 Template\_Library (Mandatory)

The library to be used as a template.

The program checks if the library exists and if so, it checks that it is not the name of the library being created.

The program will:

Copy all tables/files/directories and definitions.

Replace all occurrences of the template library with the new library name, in all the copied files.

Create a local path\_convert file if it does not exist in the template library.

Create proper definition of file\_list\_type in \$data\_root/prof\_library file.

Add the following commented-out lines in \$data\_root/prof\_library:

```
#      setenv  file_list_TS1D      ts_XXXXX_1D
#      setenv  file_list_TS2D      ts_XXXXX_2D
#      setenv  file_list_TS3D      ts_XXXXX_3D
#      setenv  file_list_TS4D      ts_XXXXX_4D
#      setenv  file_list_TS1X      ts_XXXXX_1X
#      setenv  file_list_TS2X      ts_XXXXX_2X
#      setenv  file_list_TS3X      ts_XXXXX_3X
#      setenv  file_list_TS4X      ts_XXXXX_4X
```

Set all loop\_length definitions of the various batch services in \$data\_root/prof\_library to 50,000.

### 3.3.4 X\_Path (Optional)

Path for \$data\_files and \$data\_root directories when these are separated from the setup and configuration directories (see *Choosing the Disks (and Path) for Library Directories* on page 6). Default is Space or Null.

By default, the physical directories \$data\_files and \$data\_scratch will be under \$data\_root.

If the value is not null, the program will create these directories in the given location and replace the appropriate physical directories under \$data\_root by an appropriate symbolic link.

### 3.3.5 USR\_Library (Optional)

Indicates whether the library will be function also as one or more of the pw/usr/z105 libraries. The default is N (No) unless the template library is USR00, in which case the default is Y (Yes).

Since any library may also function as one or more of pw/usr/z105 libraries, the user can supply a list - one or more of usr, pw, z105, separated by comma, with no spaces. Y is equivalent to usr,pw,z105.

If the library being created should function as one or all of the pw/usr/z105 libraries, the program checks whether the usr/pw/z105\_library/ies defined in \$aleph\_root/aleph\_start are the same as the library name (in uppercase) currently being opened. The check ensures that the file\_list will include the definitions for the additional pw/usr/z105 functionalities.

If the template library is usr00, then the USR\_library parameter cannot be "N". If the user enter "N" as the USR\_library parameter, then the program will ignore the "N" and will act as "Y" was given.

### 3.3.6 Create Oracle User (Optional)

Whether or not to drop and create Oracle user for the library. Default is Y (Yes).

If set to Y, the Oracle user (if it already exists) will be dropped and a new Oracle environment will be created according to the file\_list – Oracle user, tables, indexes, synonyms, triggers, and sequences.

If the Oracle user was not created (that is, the program was activated with N), then the Oracle environment must be manually created later (using UTIL/O/9/2), before starting to work in the library.

## 3.4 Examples

```
ssh -f $aleph_proc/open_new_library tst01 SMALL usm01 "" N Y
```

Opens the BIB library tst01 using the demo library usm01 as the template library.

The library is configured to store up to 100,000 BIB records.

\$data\_file and \$data\_scratch directories will be located under \$data\_root

The library will not be used as one of the usr, pw, or z105 libraries.

Oracle user and objects will be created.

```
csch -f $aleph_proc/open_new_library tst50 HUGE xyz50  
/exlibris2/aleph/u16_1 pw,usr Y
```

Opens the ADM library tst50 using the user library xyz50 as the template library.

The library is configured to store more than 5,000,000 ADM records.

\$data\_file and \$data\_scratch directories will be located under /exlibris2/aleph/u16\_1

The library will be used as the usr and pw libraries, but not as the z105 library.

Oracle user and objects will be created.

## 4 Actions after Activation

You must log out and then log in before you proceed with the following actions in order to implement all the changes and definitions that were made in the environment, and to perform:

```
dlib xxxnn
```

### 4.1 Synchronize Library File Headers

It is recommended to use UTIL/H/2 to ensure that all headers of the new library tables are up to date.

### 4.2 Oracle Tables and Tablespace (file\_list and prof\_library)

The script creates an empty \$data\_root/file\_list (that is, the file is created with no content). In this case all Oracle objects will have the default attributes. If the library requires a different value for a specific Oracle object, it must be added manually to the file\_list to override the default value.

Open file\_list for editing by entering the following in the command line:

```
dlib xxxnn  
dr  
vi $alephe_file_list
```

If you want to use tablespaces other than the default, you must edit prof\_library.

Open prof\_library for editing by entering the following in the command line:

```
dlib xxxnn  
dr  
vi prof_library
```

and modify the following commented lines accordingly:

```
# setenv file_list_TS1D ts_XXXXX_1D  
# setenv file_list_TS2D ts_XXXXX_2D  
# setenv file_list_TS3D ts_XXXXX_3D
```

```
#      setenv   file_list_TS4D      ts_XXXXX_4D
#      setenv   file_list_TS1X      ts_XXXXX_1X
#      setenv   file_list_TS2X      ts_XXXXX_2X
#      setenv   file_list_TS3X      ts_XXXXX_3X
#      setenv   file_list_TS4X      ts_XXXXX_4X
```

XXXXX can be any valid name. Please note that the same tablespace can be shared by several libraries.

Do not forget to remove the # in the beginning of the line.

In addition, you must ensure that these tablespaces exist (using UTIL/A/17/12) and, if necessary, create them (using UTIL/O/17/1).

If you have modified the `file_list`, or the tablespaces to be used by the library, you must activate UTIL/A/17/1/all to make the changes effective.

### 4.3 loop\_length

The program sets all the `loop_length` variables (defined in `prof_library`) to 50,000.

If you want to use different values, you must edit `prof_library`.

The full list is taken from the demo library `usm01`. If this library does not exist, then the full list is taken from the template library. In this case, check to confirm that the template library includes the full list.

Open `prof_library` for editing by entering the following in the command line:

```
dlib xxxnn
dr
vi prof_library
```

## 4.4 Updating Configuration Tables

The following tables should be modified as appropriate:

### 4.4.1 library\_relation

This table defines links between libraries. The system requires that the relationship between the BIB/ADM/HOL and ILL libraries be defined.

Open `library_relation` for editing by entering the following in the command line:

```
vi $alephe_tab/library_relation
```

Example of the `library_relation` table:

```
!1      2      3      4      5      6
!!!-!!!!-!!!!-!!!!-!!!!-!!!!>
ADM USM01 USM50 USM51
ADM USM40 USM50
ADM USM30 USM50
BIB USM50 USM01 USM40 USM30
BIB USM51 USM01
```

```
HOL USM50 USM60
ILL USM50 USM40
```

#### 4.4.2 tab\_sub\_library.lng (relevant only for ADM libraries)

The `tab_sub_library.lng` table defines the sublibraries of all the ADM libraries on the server.

Open `tab_sub_library.eng` for editing by entering the following in the command line:

```
vi $alephe_tab/tab_sub_library.eng
```

If your system is configured for languages other than English, the additional copies of the `tab_sub_library` (for example, `tab_sub_library.fre`) must also be updated.

Example of the `tab_sub_library.eng` table:

```
USM50 2 USM50 L Exlibris Demo Libraries          USM50          USM50 ALEPH
MED   1 USM50 L Medicine Library                15H  CHE   17A  MED   ALEPH
HYL   1 USM50 L East Asian Library              HYL  HYL   17A  HYL   ALEPH
HIL   1 USM50 L Humanities Library             HIL  HIL   17A  HIL   ALEPH
LAM   1 USM50 L Main Undergraduate              LAM  LAM   17A  LAM   ALEPH
WID   1 USM50 L Main Library                    WID  WID   WID   WID   ALEPH
HILR  4 USM50 L Humanities Reading Room        HIL  HIL   17A  HIL   ALEPH
```

#### 4.4.3 tab\_base.lng

The `tab_base.lng` table defines the logical and physical databases that can be accessed by the user through the Web OPAC and search functions.

Open `tab_base.eng` for editing by entering the following in the command line:

```
vi $alephe_tab/tab_base.eng
```

If your system is configured for languages other than English, the additional copies of the `tab_sub_library` (for example, `tab_base.fre`) must also be updated.

Example of the `tab_base.lng` table:

```
USM01          Ex Libris University          USM01 N
WID            Main Library          USM01          USM01 Y wsl=wid
HIL            Humanities Library    USM01          USM01 Y wsl=hil
HYL            East Asian Library    USM01          USM01 Y wsl=hyl
LAM            Main Undergraduate    USM01          USM01 Y wsl=lam
MED            Medicine Library      USM01          USM01 Y wsl=med
GEEDU          Main/Undergrad.        USM01          USM01 Y wsl=(wid or lam)
LALIT          Law/Economics         USM01          USM01 Y wsl=(law or lit)
SERIALS        Serial (USM01)        USM01 N wfm=SE
MONOGRAPHS     Monographs (USM01)              USM01 Y wfm=BK
RUSSIAN        Russian (USM01)          USM01 N wln=RUS
```

#### 4.4.4 base-list (relevant only for BIB libraries)

This HTML file contains the list of databases available to the Web OPAC user. It is located in \$alephe\_root/www\_f\_eng/base-list.

Open base-list for editing by entering the following in the command line:

```
wf (this puts you into the www_f_eng directory)
vi base-list
```

If your system is configured for languages other than English, the additional copies of the base-list (for example, www\_f\_fre/base-list) must also be updated.

Example of a library in the base-list file:

```
<td class=text3>
  
  <a href="&server_f?func=find-b-0&local_base=LOC">
    Library Of Congress - (Z39.50) </a>
</td>

<td class=text3>
  
  <a href="&server_f?func=find-b-0&local_base=monographs">
    Monographs Catalog (USM01)</a>
</td>
```

#### 4.4.5 bib/pc\_tab/catalog/scancode.dat (relevant only for BIB libraries)

This table defines the selection of libraries and the headings file of each one that is accessed when the Search Headings" function is invoked in the Cataloging module.

##### Steps

1. Open scancode.dat for editing by entering the following in the command line:

```
dlib <lib_name>
dr
cd pc_tab/catalog/
vi scancode.dat
```

2. In the line LOCAL replace, if necessary, the authority libraries used by the template library by the appropriate authority libraries.

For example:

```
LOCAL XYZ01 USM10 USM12 XYZ01 USM11
```

Will be modified to

```
LOCAL XYZ01 XYZ10 XYZ12 XYZ01 XYZ11
```

3. Activate UTIL/M/7 to Update Tables Package

#### 4.4.6 bib/tab/tab\_locate

This table defines procedures for locating a record in other libraries

##### Steps

1. Open tab\_locate for editing by entering the following in the command line:  

```
dlib <lib_name>  
dt  
vi tab_locate
```
2. Type in your authority library codes instead of the template's authority libraries' codes.

#### 4.4.7 bib/tab/tab\_aut (relevant only for BIB libraries)

This table defines among others which authority database should be checked for a match.

##### Steps

1. Open tab\_aut for editing by entering the following in the command line:  

```
dlib <lib_name>  
dt  
vi tab_aut
```
2. Type in your authority library codes instead of the template's authority libraries' codes.

#### 4.4.8 XXXnn/tab/tab\_z105

This table defines the settings for sending a message (Z105) from one library to another every time a record is added/updated.

##### Steps

1. Open tab\_z105 for editing by entering the following in the command line:  

```
dlib <lib_name>  
dt  
vi tab_z105
```
2. Replace the template's USM library codes (USMnn) with your library codes. In the examples below, replace ABC01, ABC10, ABC30, and ABC50 with your library codes:
  - If an Authority library called ABC10 is added, in **abc10**/tab/tab\_z105, change the following from:



UPDATE-DOC 4 **USM01**

to:

UPDATE-DOC 4 ABC01

- If a Bibliographic library called ABC01 is added, in **abc01/tab/tab\_z105**, change the following from:

UPDATE-DOC e **USM30**

INDEX-DOC e **USM30**

To:

UPDATE-DOC e **ABC30**

INDEX-DOC e **ABC30**

- If an Administrative library called ABC50 is added, in **abc50/tab/tab\_z105**, change the following from:

UPDATE-SDI 8 **USM01**

UPDATE-Z30 1 **USM01**

UPDATE-ITM m **USM50**

To:

UPDATE-SDI 8 **ABC01**

UPDATE-Z30 1 **ABC01**

UPDATE-ITM m **ABC50**

#### Note:

Instead of changing the tab\_z105 lines from USM to ABC, you can delete the lines that describe functions that are not used at your site.

For example:

- If you do not have a Course Reading library associated with a BIB library, the XXX30 lines can be removed from the BIB library table.
- In the ADM library table, UPDATE-Z30 line can be removed if you are not a German library.

See the tab\_z105 lines table header for more information about the specific functionality of each line.

## 5 Checking Your New Library

### To ensure that the library was opened correctly

1. Log out, and then log in. This implements all the changes / definitions that were made in the configuration tables.
2. From the command line, enter:

```
dlib <lib_name>
dr
ls
```

3. Check if the library contains the directories copied from the template library.
4. Check if all occurrences of the template library in `prof_library` were replaced with the current one.
5. If you have selected to create an Oracle user, enter the following in the command line:

```
s+ <lib_name>
```

You should get the prompt:

```
SQL-<lib-name>
```

Then enter:

```
SQL-XXXXNN>desc z00;
```

You should get:

Name	Null?	Type
Z00_DOC_NUMBER	NOT NULL	CHAR(9)
Z00_NO_LINES		NUMBER(4)
Z00_DATA_LEN		NUMBER(6)
Z00_DATA		

6. Exit by entering:

```
SQL-<lib-name> > exit
```